

For Research Use Only

PSB-12379 ditriethylamine salt



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Catalog Number: CM14656

产品信息

Catalog Number:
CM14656

CAS号:
T12569L

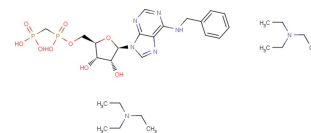
分子式:
 $C_{30}H_{53}N_7O_9P_2$

主要靶点:
CD73

主要通路:
免疫与炎症

分子量:
717.73

溶解度:
DMSO:11 mg/mL (15.33 mM)



体外活性

Metabolism: Only a small percentage (<23%) of PSB-12379 (10g) is metabolized under the applied conditions, while >77% of the compounds are recovered unchanged after a long incubation for 8 h. PSB-12379 (10g) is somewhat less stable, and 56% are metabolized within 8 h. Hydrolytic cleavage of the glycosidic bond, which is a typical phase I reaction of nucleosides and nucleotides, was observed as the main reaction[1].

描述

PSB-12379 ditriethylamine salt, a nucleotide analogue, is a potent Ecto-5'-Nucleotidase (CD73) inhibitor with K_i s of 9.03 nM (rat) and 2.21 nM (human).

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years

For technical support and original validation data for this product please contact

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